

## SUMMARY

### # Wires

|       |   |
|-------|---|
| Triax | 1 |
|-------|---|



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 0S                             |
| Termination type | Female solder                  |
| IP rating        | 50                             |
| AWG wire size    | 0.00 - 0.00                    |
| Cable Ø          | 2.30 - 3.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.0S.650.CTA</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FFA*: Straight plug, cable collet and nut for fitting a bend relief                         |
| Keying            | Circular, female                                                                            |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Variant           | Z : Nut for fitting a bend relief                                                           |
| Weight            | 8.47 g                                                                                      |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0S.650 : 1 Triax (50 Ohm) |
| Insulator     | T: PTFE                   |
| Rated Current | 6 Amps                    |

### Specifications

Contact Type: Triaxial 50 Ohm (Solder)  
Contact Dia.: 0.9 mm (0.035" in)  
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.03 + 0.34 \* f/GHz  
Cable type: RGT 178, RGT 174

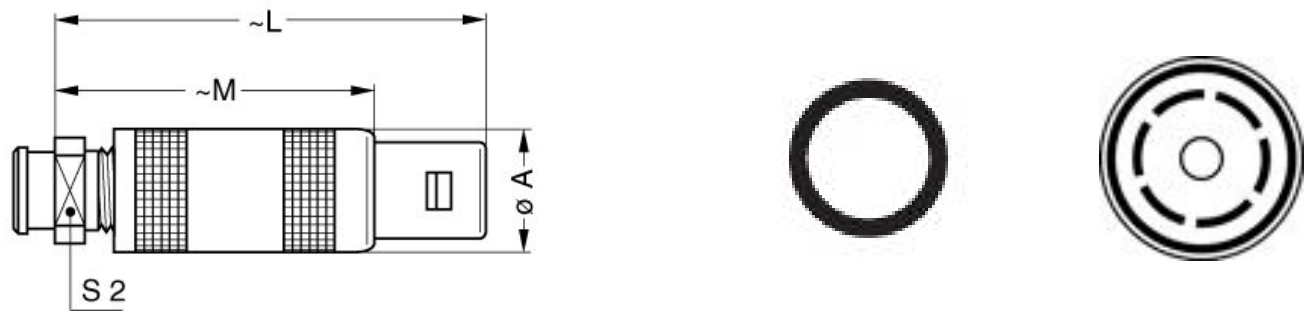
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Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -55° C / +250° C
- Humidity (max): <=95% [at 60 deg C /140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [ 6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >144 hr

DRAWINGS

Draws



Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 9    | 34.5 | 24.5 | 7    |
| in. | 0.35 | 1.36 | 0.96 | 0.28 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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## Cables

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